

Claim Amendments

Claims 1 - 3 (cancelled)

Claim 4 (Currently Amended) A pyrotechnic initiatorcomprising:an electrically energizable initiator bridge composed of
a metal;a reactive layer on said electrically energizable
initiator bridge for liberation of energy upon electrical
energization of said electrically energizable initiator bridge,
said reactive layer being comprised of metal capable of liberating
energy by alloying with the metal of said electrically energizable
initiator bridge, said reactive layer being applied to said
electrically energizable initiator bridge in the form of a streak
or spaced apart islets; anda thin electrically insulating layer between said
electrically energizable initiator bridge and said reactive layer,~~The pyrotechnic initiator defined in claim 3 wherein said~~
~~electrically insulating layer is being~~ an oxide or nitride of a
metal of the reactive layer.6. (Previously amended) The pyrotechnic initiator
defined in claim 4 wherein said reactive layer is comprised of a
metal selected from the group which consists of titanium, hafnium,
niobium, tantalum, aluminum and nickel.

1 Claim 7 (Currently Amended) A pyrotechnic initiator
2 comprising:
3 an electrically energizable initiator bridge composed of
4 a metal;
5 a reactive layer on said electrically energizable
6 initiator bridge for liberation of energy upon electrical
7 energization of said electrically energizable initiator bridge,
8 said reactive layer being comprised of metal capable of liberating
9 energy by alloying with the metal of said electrically energizable
10 initiator bridge, The pyrotechnic initiator defined in claim 1
11 wherein said electrically energizable initiator bridge is being
12 composed of at least one metal selected from the group which
13 consists of gold and palladium, and said reactive layer comprises
14 nickel.

1 8. (previously amended) The pyrotechnic initiator
2 defined in claim 7, further comprising an ignition promotor in a
3 region of said electrically energizable initiator bridge and said
4 reactive layer.

1 9. (currently amended) ~~The pyrotechnic initiator~~
2 ~~defined in claim 1 wherein~~ A pyrotechnic initiator comprising:
3 an electrically energizable initiator bridge composed of
4 a metal;
5 a reactive layer on said electrically energizable
6 initiator bridge for liberation of energy upon electrical

7 energization of said electrically energizable initiator bridge,
8 said reactive layer being comprised of metal capable of liberating
9 energy by alloying with the metal of said electrically energizable
10 initiator bridge, the electrically energizable initiator bridge ~~is~~
11 being composed of at least one metal selected from the group of
12 platinum and other platinum-group metals, and the reactive layer
13 comprises aluminum.

10. (Cancelled)

1 11. (presently amended) A pyrotechnic initiator
2 comprising:
3 an electrically energizable initiator bridge composed of
4 a metal;
5 a reactive layer on said electrically energizable
6 initiator bridge for liberation of energy upon electrical
7 energization of said electrically energizable initiator bridge,
8 said reactive layer being comprised of metal capable of liberating
9 energy by alloying with the metal of said electrically energizable
10 initiator bridge
11 a thin electrically insulating layer between said
12 electrically energizable initiator bridge and said reactive layer
13 ~~The pyrotechnic initiator defined in claim 10 wherein~~
14 ~~said electrically insulating layer is being~~ an oxide or nitride of
15 a metal of the reactive layer.

1 13. (presently amended) ~~The pyrotechnic initiator~~
2 ~~defined in claim 1 wherein~~ A pyrotechnic initiator comprising:
3 an electrically energizable initiator bridge composed of
4 a metal;
5 a reactive layer on said electrically energizable
6 initiator bridge for liberation of energy upon electrical
7 energization of said electrically energizable initiator bridge,
8 said reactive layer being comprised of metal capable of liberating
9 energy by alloying with the metal of said electrically energizable
10 initiator bridge, said reactive layer is being comprised of a
11 metal selected from the group which consists of titanium, hafnium,
12 niobium, tantalum, aluminum and nickel.

Claims 14, 15, 16 and 17 (cancelled).